```
* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  FEB 28   PATDPAFULL - New display fields provide for legal status
                   data from INPADOC
 NEWS  4  FEB 28   BABS - Current-awareness alerts (SDIs) available
 NEWS  5  MAR 02   GBFULL: New full-text patent database on STN
 NEWS  6  MAR 03   REGISTRY/ZREGISTRY - Sequence annotations enhanced
 NEWS  7  MAR 03   MEDLINE file segment of TOXCENTER reloaded
 NEWS  8  MAR 22   KOREAPAT now updated monthly; patent information enhanced
 NEWS  9  MAR 22   Original IDE display format returns to REGISTRY/ZREGISTRY
 NEWS  10 MAR 22   PATDPASPC - New patent database available
 NEWS  11 MAR 22   REGISTRY/ZREGISTRY enhanced with experimental property tags
 NEWS  12 APR 04   EPFULL enhanced with additional patent information and new
                   fields
 NEWS  13 APR 04   EMBASE - Database reloaded and enhanced
 NEWS  14 APR 18   New CAS Information Use Policies available online
 NEWS  15 APR 25   Patent searching, including current-awareness alerts (SDIs),
                   based on application date in CA/CAplus and USPATFULL/USPAT2
                   may be affected by a change in filing date for U.S.
                   applications.
 NEWS  16 APR 28   Improved searching of U.S. Patent Classifications for
                   U.S. patent records in CA/CAplus
 NEWS  17 MAY 23   GBFULL enhanced with patent drawing images
 NEWS  18 MAY 23   REGISTRY has been enhanced with source information from
                   CHEMCATS
 NEWS  19 JUN 06   STN Patent Forums to be held in June 2005
 NEWS  20 JUN 06   The Analysis Edition of STN Express with Discover!
                   (Version 8.0 for Windows) now available
 NEWS  21 JUN 13   RUSSIAPAT: New full-text patent database on STN
 NEWS  22 JUN 13   FRFULL enhanced with patent drawing images

 NEWS EXPRESS  JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005

=> fil reg; e pigment yellow 1/cn
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
```

```
FULL ESTIMATED COST                                    0.21        0.21

FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   15 JUN 2005  HIGHEST RN 852355-71-6
DICTIONARY FILE UPDATES:  15 JUN 2005  HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html


E1            1     PIGMENT WHITE 9/CN
E2            1     PIGMENT Y/CN
E3            1 --> PIGMENT YELLOW 1/CN
E4            1     PIGMENT YELLOW 10/CN
E5            1     PIGMENT YELLOW 100/CN
E6            1     PIGMENT YELLOW 101/CN
E7            1     PIGMENT YELLOW 104/CN
E8            1     PIGMENT YELLOW 106/CN
E9            1     PIGMENT YELLOW 108/CN
E10           1     PIGMENT YELLOW 109/CN
E11           1     PIGMENT YELLOW 10G/CN
E12           1     PIGMENT YELLOW 110/CN

=> s e3
L1            1 "PIGMENT YELLOW 1"/CN

=> d scan'
'SCAN'' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats.  The predefined substance formats
are:  (RN = CAS Registry Number)
```

```
REG     - RN
SAM     - Index Name, MF, and structure - no RN
FIDE    - All substance data, except sequence data
IDE     - FIDE, but only 50 names
SQIDE   - IDE, plus sequence data
SQIDE3  - Same as SQIDE, but 3-letter amino acid codes are used
SQD     - Protein sequence data, includes RN
SQD3    - Same as SQD, but 3-letter amino acid codes are used
SQN     - Protein sequence name information, includes RN

CALC    - Table of calculated properties
EPROP   - Table of experimental properties
PROP    - EPROP and CALC

Any CA File format may be combined with any substance format to
obtain CA references citing the substance.  The substance formats
must be cited first.  The CA File predefined formats are:

ABS  -- Abstract
APPS -- Application and Priority Information
BIB  -- CA Accession Number, plus Bibliographic Data
CAN  -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND  -- Index Data
IPC  -- International Patent Classification
PATS -- PI, SO
STD  -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):scan
'SCAN' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats.  The predefined substance formats
are:  (RN = CAS Registry Number)

REG     - RN
SAM     - Index Name, MF, and structure - no RN
FIDE    - All substance data, except sequence data
IDE     - FIDE, but only 50 names
```

```
SQIDE  - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD    - Protein sequence data, includes RN
SQD3   - Same as SQD, but 3-letter amino acid codes are used
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PROP   - EPROP and CALC

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IPC  -- International Patent Classification
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IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> d scan

L1   1 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Butanamide, 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenyl- (9CI)
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
MF   C17 H16 N4 O4
CI   COM
```
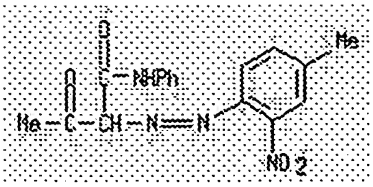



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

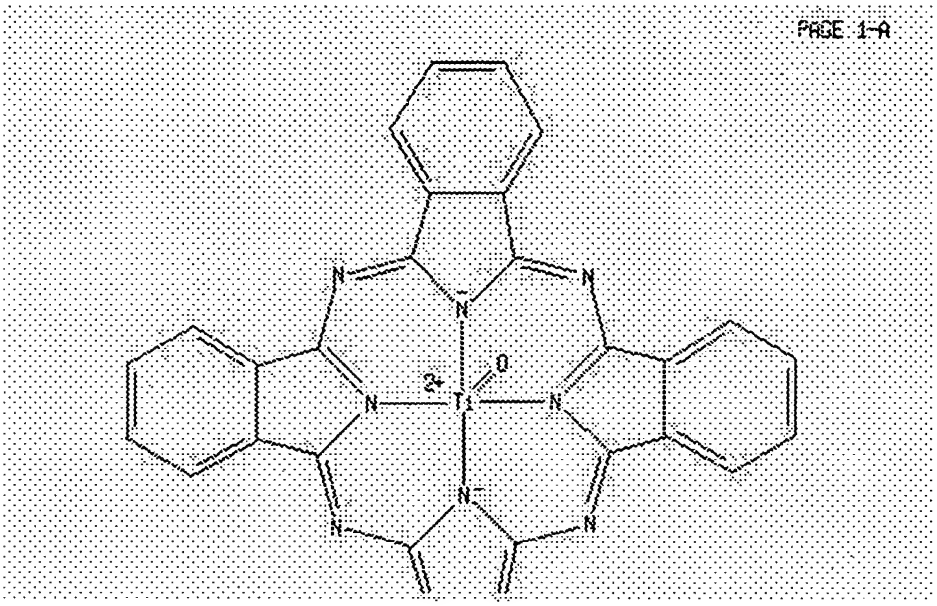
ALL ANSWERS HAVE BEEN SCANNED

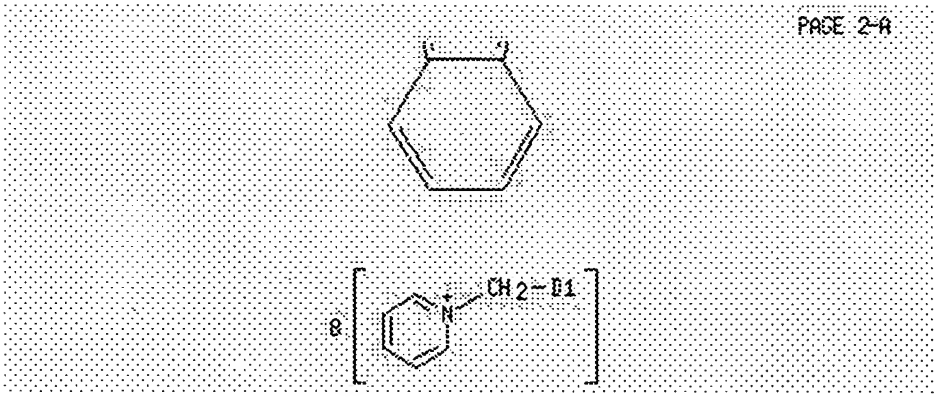
```
=> e pigment yellow 2/cn
E1            1      PIGMENT YELLOW 198/CN
E2            1      PIGMENT YELLOW 199/CN
E3            1 --> PIGMENT YELLOW 2/CN
E4            1      PIGMENT YELLOW 202/CN
E5            1      PIGMENT YELLOW 203/CN
E6            1      PIGMENT YELLOW 213/CN
E7            1      PIGMENT YELLOW 214/CN
E8            1      PIGMENT YELLOW 216/CN
E9            1      PIGMENT YELLOW 24/CN
E10           1      PIGMENT YELLOW 2G/CN
E11           1      PIGMENT YELLOW 2GLTE/CN
E12           1      PIGMENT YELLOW 2K/CN

=> s e3
L2            1 "PIGMENT YELLOW 2"/CN

=> s pigment yellow 3/cn
L3            1 PIGMENT YELLOW 3/CN

=> s pigment yellow 4/cn
L4            1 PIGMENT YELLOW 4/CN

=> s pigment yellow 5/cn
L5            1 PIGMENT YELLOW 5/CN

=> s pigment yellow 6/cn
L6            0 PIGMENT YELLOW 6/CN

=> e pigment yellow 6/cn
E1            1      PIGMENT YELLOW 5GX/CN
E2            1      PIGMENT YELLOW 5K/CN
E3            0 --> PIGMENT YELLOW 6/CN
E4            1      PIGMENT YELLOW 60/CN
E5            1      PIGMENT YELLOW 61:1/CN
E6            1      PIGMENT YELLOW 62/CN
E7            1      PIGMENT YELLOW 62:1/CN
E8            1      PIGMENT YELLOW 63/CN
E9            1      PIGMENT YELLOW 73/CN
E10           1      PIGMENT YELLOW 74/CN
E11           1      PIGMENT YELLOW 75/CN
E12           1      PIGMENT YELLOW 77/CN

=> s pigment yellow 9/cn
L7            0 PIGMENT YELLOW 9/CN

=> e pigment yellow 9/cn
E1            1      PIGMENT YELLOW 83:1/CN
E2            1      PIGMENT YELLOW 87/CN
```

```
E3            0 --> PIGMENT YELLOW 9/CN
E4            1     PIGMENT YELLOW 90/CN
E5            1     PIGMENT YELLOW 93/CN
E6            1     PIGMENT YELLOW 94/CN
E7            1     PIGMENT YELLOW 95/CN
E8            1     PIGMENT YELLOW 97/CN
E9            1     PIGMENT YELLOW 98/CN
E10           1     PIGMENT YELLOW A/CN
E11           1     PIGMENT YELLOW CIBA 2R/CN
E12           1     PIGMENT YELLOW D/CN

=> e pigment yellow 49/cn
E1            1     PIGMENT YELLOW 46/CN
E2            1     PIGMENT YELLOW 47/CN
E3            1 --> PIGMENT YELLOW 49/CN
E4            1     PIGMENT YELLOW 4K/CN
E5            1     PIGMENT YELLOW 5/CN
E6            1     PIGMENT YELLOW 53/CN
E7            1     PIGMENT YELLOW 55/CN
E8            1     PIGMENT YELLOW 5G/CN
E9            1     PIGMENT YELLOW 5GX/CN
E10           1     PIGMENT YELLOW 5K/CN
E11           1     PIGMENT YELLOW 60/CN
E12           1     PIGMENT YELLOW 61:1/CN

=> s e3
L8            1 "PIGMENT YELLOW 49"/CN

=> s pigment yellow 65/cn
L9            0 PIGMENT YELLOW 65/CN

=> e pigment yellow 73/cn
E1            1     PIGMENT YELLOW 62:1/CN
E2            1     PIGMENT YELLOW 63/CN
E3            1 --> PIGMENT YELLOW 73/CN
E4            1     PIGMENT YELLOW 74/CN
E5            1     PIGMENT YELLOW 75/CN
E6            1     PIGMENT YELLOW 77/CN
E7            1     PIGMENT YELLOW 79/CN
E8            1     PIGMENT YELLOW 81/CN
E9            1     PIGMENT YELLOW 83/CN
E10           1     PIGMENT YELLOW 83:1/CN
E11           1     PIGMENT YELLOW 87/CN
E12           1     PIGMENT YELLOW 90/CN

=> s e3
L10           1 "PIGMENT YELLOW 73"/CN

=> e pigment yellow 94/cn
E1            1     PIGMENT YELLOW 90/CN
E2            1     PIGMENT YELLOW 93/CN
E3            1 --> PIGMENT YELLOW 94/CN
E4            1     PIGMENT YELLOW 95/CN
E5            1     PIGMENT YELLOW 97/CN
E6            1     PIGMENT YELLOW 98/CN
E7            1     PIGMENT YELLOW A/CN
E8            1     PIGMENT YELLOW CIBA 2R/CN
E9            1     PIGMENT YELLOW D/CN
E10           1     PIGMENT YELLOW ECY 210/CN
E11           1     PIGMENT YELLOW G/CN
E12           1     PIGMENT YELLOW G 583/CN
```

```
=> s e3
L11           1 "PIGMENT YELLOW 94"/CN

=> del l11
DELETE L11? (Y)/N:y

=> s pigment yellow 74/cn
L11           1 PIGMENT YELLOW 74/CN

=> s pigment yellow 75/cn
L12           1 PIGMENT YELLOW 75/CN

=> s pigment yellow 97/cn
L13           1 PIGMENT YELLOW 97/CN

=> s pigment yellow 98/cn
L14           1 PIGMENT YELLOW 98/CN

=> s pigment yellow 116/cn
L15           1 PIGMENT YELLOW 116/CN

=> s pigment yellow 120/cn
L16           1 PIGMENT YELLOW 120/CN

=> s pigment yellow 154/cn
L17           1 PIGMENT YELLOW 154/CN

=> e pigment orange 1/cn
E1            1      PIGMENT OPAQUE YELLOW O/CN
E2            1      PIGMENT ORANGE/CN
E3            1 --> PIGMENT ORANGE 1/CN
E4            1      PIGMENT ORANGE 13/CN
E5            1      PIGMENT ORANGE 16/CN
E6            1      PIGMENT ORANGE 16A/CN
E7            1      PIGMENT ORANGE 17/CN
E8            1      PIGMENT ORANGE 17:1/CN
E9            1      PIGMENT ORANGE 18/CN
E10           1      PIGMENT ORANGE 19/CN
E11           1      PIGMENT ORANGE 1963/1/CN
E12           1      PIGMENT ORANGE 2/CN

=> s e3
L18           1 "PIGMENT ORANGE 1"/CN

=> s pigment orange 36/cn
L19           1 PIGMENT ORANGE 36/CN

=> s l1-l19
L20          16 (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR
                L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19)

=> s phthalocyanin? and ti/els
         25839 PHTHALOCYANIN?
        251903 TI/ELS
L21        336 PHTHALOCYANIN? AND TI/ELS

=> d scan

L21  336 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Titanium(8+), oxo[[1,1',1'',1''',1'''',1''''',1'''''',1'''''''-
     [(29H,31H-phthalocyanine-C,C,C,C,C,C,C,C-octayl-
     κN29,κN30,κN31,κN32)octakis(methylene)]octakis[pyr
```

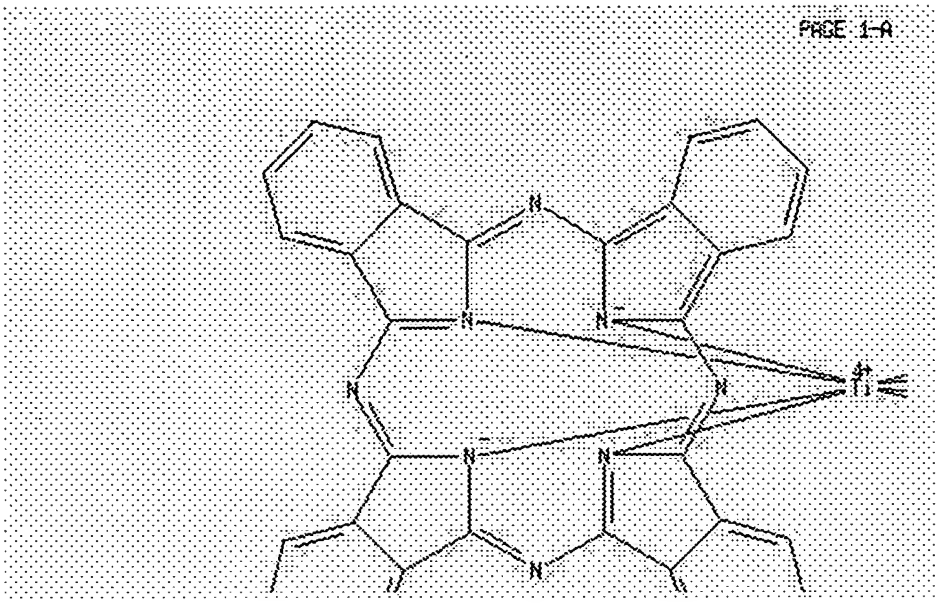
idiniumato]](2-)]- (9CI)
MF C80 H64 N16 O Ti
CI CCS, IDS, COM

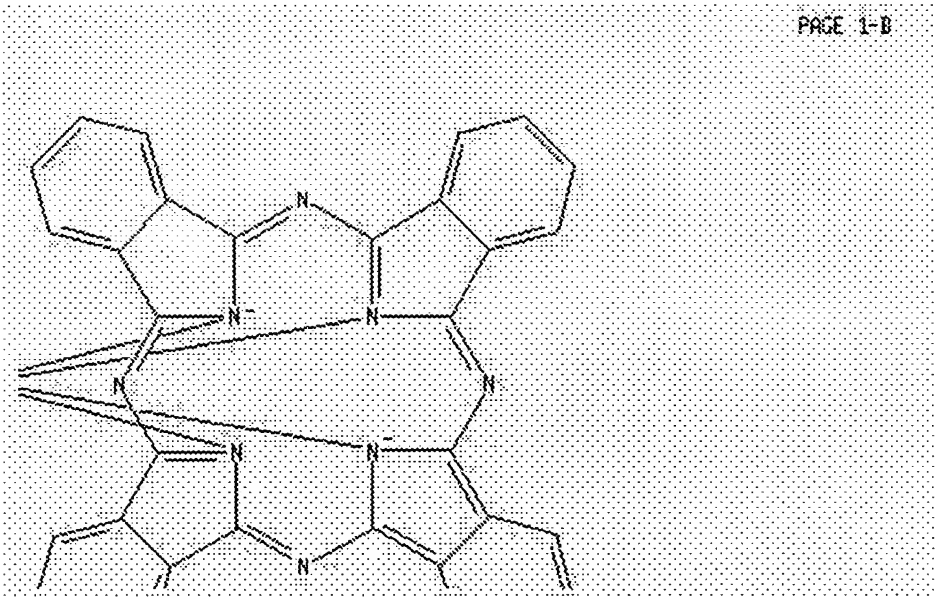


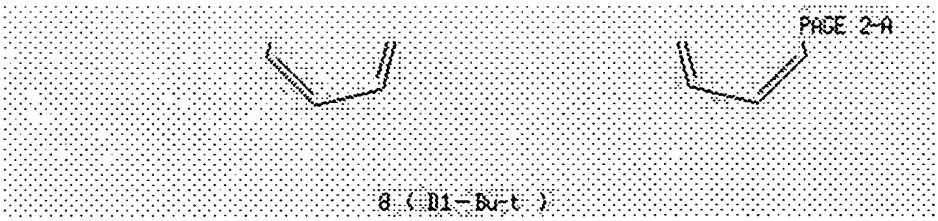


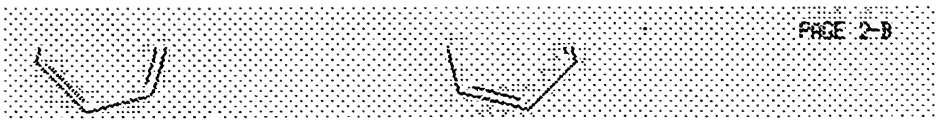
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L21 336 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Titanium, bis[C,C,C,2-tetrakis(1,1-dimethylethyl)-29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-(9CI)
MF C96 H96 N16 Ti
CI CCS, IDS


PAGE 1-A


PAGE 1-B


PAGE 2-A
8 (D1-Bu-t)




```
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> d ca
'CA' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
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SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

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it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
```

```
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):fil ca
'FIL' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'CA' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
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messages:

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```
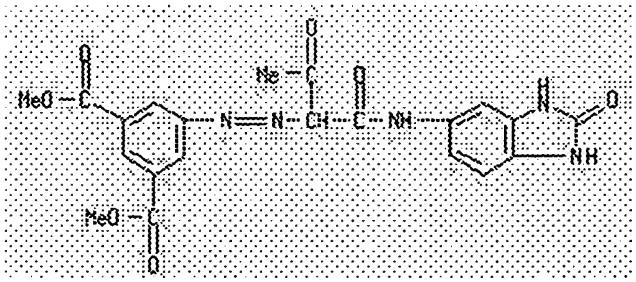

```
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> fil ca
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     105.50     105.71

FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)
```

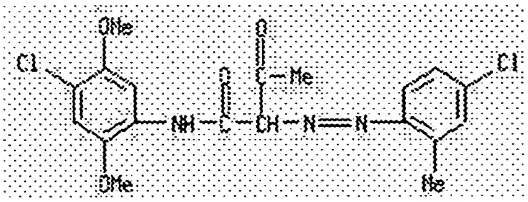


```
FILE COVERS 1907 - 9 Jun 2005 VOL 142 ISS 25
FILE LAST UPDATED: 9 Jun 2005  (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> d his

     (FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005)

     FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005
                E PIGMENT YELLOW 1/CN
L1              1 S E3
                E PIGMENT YELLOW 2/CN
L2              1 S E3
L3              1 S PIGMENT YELLOW 3/CN
L4              1 S PIGMENT YELLOW 4/CN
L5              1 S PIGMENT YELLOW 5/CN
L6              0 S PIGMENT YELLOW 6/CN
                E PIGMENT YELLOW 6/CN
L7              0 S PIGMENT YELLOW 9/CN
                E PIGMENT YELLOW 9/CN
                E PIGMENT YELLOW 49/CN
L8              1 S E3
L9              0 S PIGMENT YELLOW 65/CN
                E PIGMENT YELLOW 73/CN
L10             1 S E3
                E PIGMENT YELLOW 94/CN
L11             1 S PIGMENT YELLOW 74/CN
L12             1 S PIGMENT YELLOW 75/CN
L13             1 S PIGMENT YELLOW 97/CN
L14             1 S PIGMENT YELLOW 98/CN
L15             1 S PIGMENT YELLOW 116/CN
L16             1 S PIGMENT YELLOW 120/CN
L17             1 S PIGMENT YELLOW 154/CN
```

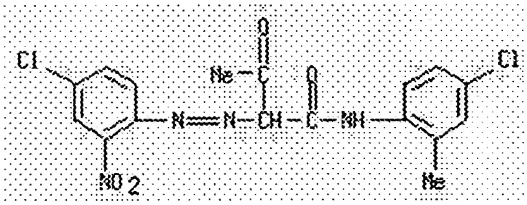
```
                E PIGMENT ORANGE 1/CN
L18             1 S E3
L19             1 S PIGMENT ORANGE 36/CN
L20            16 S L1-L19
L21           336 S PHTHALOCYANIN? AND TI/ELS

     FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005

=> s l20
L22         1332 L20

=> s l21
L23         2340 L21

=> s l22 and l23 and electrophotog?
          64472 ELECTROPHOTOG?
L24           4 L22 AND L23 AND ELECTROPHOTOG?

=> d fbib hitstr 1-4; fil stnguide

L24  ANSWER 1 OF 4  CA  COPYRIGHT 2005 ACS on STN
Full Text
AN   140:278396  CA
TI   Electrophotographic photoconductor comprising uniform photosensitive layer
IN   Azuma, Jun; Hamasaki, Kazunari; Kuboshima, Daisuke; Honma, Hisakazu
PA   Japan
SO   U.S. Pat. Appl. Publ., 23 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.          DATE
     ---------------     ----   --------    --------------------     --------
PI   US 2004058257        A1    20040325    US 2003-667905           20030923
                                           JP 2002-277778       A   20020924
     JP 2004117558        A2    20040415    JP 2002-277778           20020924
     EP 1403720           A2    20040331    EP 2003-255960           20030923
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
                                           JP 2002-277778       A   20020924
OS   MARPAT 140:278396
IT 29920-31-8, C.I. Pigment Yellow 120
     RL: PRP (Properties); TEM (Technical or engineered material use); USES
     (Uses)
        (C.I. Pigment Yellow 120; electrophotog. photoconductor
        comprising uniform photosensitive layer)
RN   29920-31-8  CA
CN   1,3-Benzenedicarboxylic acid, 5-[[1-[[(2,3-dihydro-2-oxo-1H-benzimidazol-5-
     yl)amino]carbonyl]-2-oxopropyl]azo]-, dimethyl ester (9CI)  (CA INDEX
     NAME)
```



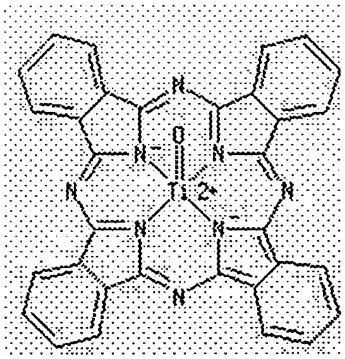
IT **2904-04-3**, C.I. Pigment Yellow 49
RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
(C.I. Pigment Yellow 49; **electrophotog.** photoconductor comprising uniform photosensitive layer)
RN 2904-04-3 CA
CN Butanamide, N-(4-chloro-2,5-dimethoxyphenyl)-2-[(4-chloro-2-methylphenyl)azo]-3-oxo- (9CI) (CA INDEX NAME)



IT **32432-45-4**, C.I. Pigment Yellow 98
RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
(C.I. Pigment Yellow 98; **electrophotog.** photoconductor comprising uniform photosensitive layer)
RN 32432-45-4 CA
CN Butanamide, N-(4-chloro-2-methylphenyl)-2-[(4-chloro-2-nitrophenyl)azo]-3-oxo- (9CI) (CA INDEX NAME)



IT **26201-32-1P**, α-Titanyl phthalocyanine
RL: PNU (Preparation, unclassified); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(**electrophotog.** photoconductor comprising uniform photosensitive layer)
RN 26201-32-1 CA
CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)

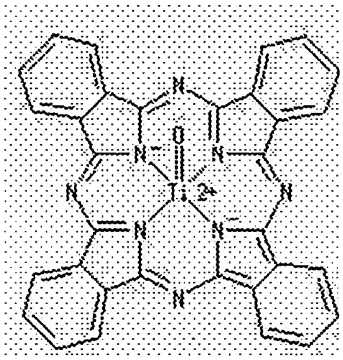


L24 ANSWER 2 OF 4 CA COPYRIGHT 2005 ACS on STN

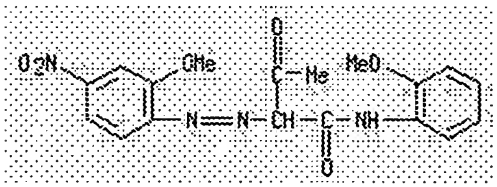
Full Text
AN 139:283336 CA
TI Positive-charging **electrophotographic** green toner showing stable charging properties
IN Oba, Katsunori; Ogura, Katsuyuki
PA Dainippon Ink and Chemicals, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003280275	A2	20031002	JP 2002-83053	20020325
			JP 2002-83053	20020325

OS MARPAT 139:283336
IT **26201-32-1**, Titanyl phthalocyanine
RL: TEM (Technical or engineered material use); USES (Uses)
(blue pigment in pos.-charging **electrophotog**. green toner showing stable charging properties)
RN 26201-32-1 CA
CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



IT **6358-31-2**, C.I.Pigment Yellow 74
RL: TEM (Technical or engineered material use); USES (Uses)
(yellow pigment in pos.-charging **electrophotog**. green toner showing stable charging properties)
RN 6358-31-2 CA
CN Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)

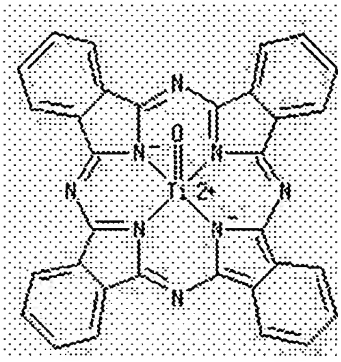


L24 ANSWER 3 OF 4 CA COPYRIGHT 2005 ACS on STN
Full Text
AN 135:325221 CA
TI **Electrophotographic** cartridge image-forming method and image-forming apparatus
IN Ishikawa, Tomoko; Ando, Osamu; Nozomi, Mamoru; Fujii, Akiteru

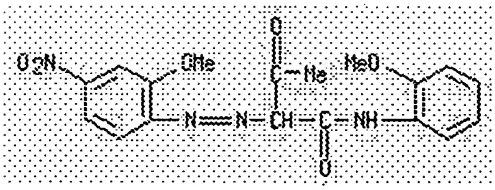
PA Mitsubishi Chemical Corporation, Japan
SO Eur. Pat. Appl., 53 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1146397	A1	20011017	EP 2001-109051	20010411
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			JP 2000-110420 A	20000412
US 2002025184	A1	20020228	US 2001-829930	20010411
			JP 2000-110420 A	20000412

IT **26201-32-1P**
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(charge generating agent in **electrophotog**. photoreceptors)
RN 26201-32-1 CA
CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



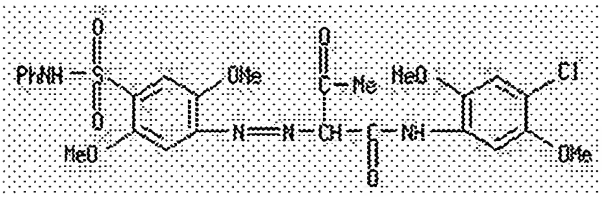
IT **6358-31-2**, C.I. Pigment Yellow 74
RL: TEM (Technical or engineered material use); USES (Uses)
(colorant in **electrophotog**. toners)
RN 6358-31-2 CA
CN Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



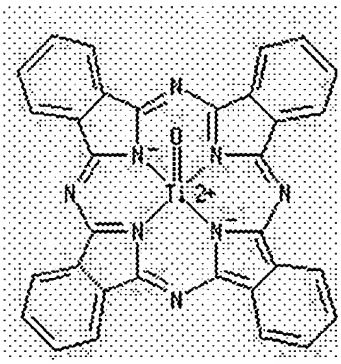
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 4 CA COPYRIGHT 2005 ACS on STN
Full Text
AN 134:346369 CA
TI Organic pigment nanoparticle thin film devices via Lewis acid pigment solubilization and in situ pigment dispersions
AU Hsieh, B. R.; Melnyk, A. R.
CS Xerox Corporation, Webster, NY, USA

SO Journal of Imaging Science and Technology (2001), 45(1), 37-42
CODEN: JIMTE6; ISSN: 1062-3701
PB Society for Imaging Science and Technology
DT Journal
LA English
IT **12225-18-2 26201-32-1**, Titanyl phthalocyanine
RL: DEV (Device component use); NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)
(org. pigment nanoparticle thin film devices via Lewis acid pigment solubilization and in-situ pigment dispersions)
RN 12225-18-2 CA
CN Butanamide, N-(4-chloro-2,5-dimethoxyphenyl)-2-[[2,5-dimethoxy-4-[(phenylamino)sulfonyl]phenyl]azo]-3-oxo- (9CI) (CA INDEX NAME)



RN 26201-32-1 CA
CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.62	121.33

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 10, 2005 (20050610/UP).

=> fil reg; e pigment yellow 12/cn

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION

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FULL ESTIMATED COST                                    0.18      121.51

FILE 'REGISTRY' ENTERED AT 10:23:16 ON 16 JUN 2005
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   15 JUN 2005  HIGHEST RN 852355-71-6
DICTIONARY FILE UPDATES:  15 JUN 2005  HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html


E1            1     PIGMENT YELLOW 118/CN
E2            1     PIGMENT YELLOW 119/CN
E3            1 --> PIGMENT YELLOW 12/CN
E4            1     PIGMENT YELLOW 120/CN
E5            1     PIGMENT YELLOW 123/CN
E6            1     PIGMENT YELLOW 126/CN
E7            1     PIGMENT YELLOW 127/CN
E8            1     PIGMENT YELLOW 128/CN
E9            1     PIGMENT YELLOW 129/CN
E10           1     PIGMENT YELLOW 12Z/CN
E11           1     PIGMENT YELLOW 13/CN
E12           1     PIGMENT YELLOW 130/CN

=> s e3
L25           1 "PIGMENT YELLOW 12"/CN

=> s e11
L26           1 "PIGMENT YELLOW 13"/CN

=> e pigment yellow 14/cn
E1            1     PIGMENT YELLOW 138/CN
E2            1     PIGMENT YELLOW 139/CN
E3            1 --> PIGMENT YELLOW 14/CN
E4            1     PIGMENT YELLOW 142/CN
E5            1     PIGMENT YELLOW 147/CN
```

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E6            1      PIGMENT YELLOW 148/CN
E7            1      PIGMENT YELLOW 15/CN
E8            1      PIGMENT YELLOW 150/CN
E9            1      PIGMENT YELLOW 151/CN
E10           1      PIGMENT YELLOW 152/CN
E11           1      PIGMENT YELLOW 153/CN
E12           1      PIGMENT YELLOW 154/CN

=> s e3
L27           1 "PIGMENT YELLOW 14"/CN

=> s e7
L28           1 "PIGMENT YELLOW 15"/CN

=> s pigment yellow 17/cn
L29           1 PIGMENT YELLOW 17/CN

=> s pigment yellow 55/cn
L30           1 PIGMENT YELLOW 55/CN

=> s pigment yellow 81/cn
L31           1 PIGMENT YELLOW 81/CN

=> s pigment yellow 83/cn
L32           1 PIGMENT YELLOW 83/CN

=> s pigment yellow 87/cn
L33           1 PIGMENT YELLOW 87/CN

=> e pigment yellow 113/cn
E1            1      PIGMENT YELLOW 110/CN
E2            1      PIGMENT YELLOW 111/CN
E3            0 --> PIGMENT YELLOW 113/CN
E4            1      PIGMENT YELLOW 114/CN
E5            1      PIGMENT YELLOW 115/CN
E6            1      PIGMENT YELLOW 116/CN
E7            1      PIGMENT YELLOW 117/CN
E8            1      PIGMENT YELLOW 118/CN
E9            1      PIGMENT YELLOW 119/CN
E10           1      PIGMENT YELLOW 12/CN
E11           1      PIGMENT YELLOW 120/CN
E12           1      PIGMENT YELLOW 123/CN

=> e pigment yellow 170/cn
E1            1      PIGMENT YELLOW 169/CN
E2            1      PIGMENT YELLOW 17/CN
E3            0 --> PIGMENT YELLOW 170/CN
E4            1      PIGMENT YELLOW 173/CN
E5            1      PIGMENT YELLOW 174/CN
E6            1      PIGMENT YELLOW 175/CN
E7            1      PIGMENT YELLOW 176/CN
E8            1      PIGMENT YELLOW 177/CN
E9            1      PIGMENT YELLOW 179/CN
E10           1      PIGMENT YELLOW 180/CN
E11           1      PIGMENT YELLOW 181/CN
E12           1      PIGMENT YELLOW 182/CN

=> s e10
L34           1 "PIGMENT YELLOW 180"/CN

=> s l25-l34
L35          10 (L25 OR L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR
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              L34)

=> fil ca
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              48.15     169.66

FILE 'CA' ENTERED AT 10:26:06 ON 16 JUN 2005
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FILE COVERS 1907 - 9 Jun 2005 VOL 142 ISS 25
FILE LAST UPDATED: 9 Jun 2005  (20050609/ED)

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  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> d his

     (FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005)

     FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005
                E PIGMENT YELLOW 1/CN
L1              1 S E3
                E PIGMENT YELLOW 2/CN
L2              1 S E3
L3              1 S PIGMENT YELLOW 3/CN
L4              1 S PIGMENT YELLOW 4/CN
L5              1 S PIGMENT YELLOW 5/CN
L6              0 S PIGMENT YELLOW 6/CN
                E PIGMENT YELLOW 6/CN
L7              0 S PIGMENT YELLOW 9/CN
                E PIGMENT YELLOW 9/CN
                E PIGMENT YELLOW 49/CN
L8              1 S E3
L9              0 S PIGMENT YELLOW 65/CN
                E PIGMENT YELLOW 73/CN
L10             1 S E3
                E PIGMENT YELLOW 94/CN
L11             1 S PIGMENT YELLOW 74/CN
L12             1 S PIGMENT YELLOW 75/CN
L13             1 S PIGMENT YELLOW 97/CN
L14             1 S PIGMENT YELLOW 98/CN
L15             1 S PIGMENT YELLOW 116/CN
L16             1 S PIGMENT YELLOW 120/CN
L17             1 S PIGMENT YELLOW 154/CN
                E PIGMENT ORANGE 1/CN
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L18           1 S E3
L19           1 S PIGMENT ORANGE 36/CN
L20          16 S L1-L19
L21         336 S PHTHALOCYANIN? AND TI/ELS

     FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005
L22        1332 S L20
L23        2340 S L21
L24           4 S L22 AND L23 AND ELECTROPHOTOG?

     FILE 'STNGUIDE' ENTERED AT 10:21:28 ON 16 JUN 2005

     FILE 'REGISTRY' ENTERED AT 10:23:16 ON 16 JUN 2005
               E PIGMENT YELLOW 12/CN
L25            1 S E3
L26            1 S E11
               E PIGMENT YELLOW 14/CN
L27            1 S E3
L28            1 S E7
L29            1 S PIGMENT YELLOW 17/CN
L30            1 S PIGMENT YELLOW 55/CN
L31            1 S PIGMENT YELLOW 81/CN
L32            1 S PIGMENT YELLOW 83/CN
L33            1 S PIGMENT YELLOW 87/CN
               E PIGMENT YELLOW 113/CN
               E PIGMENT YELLOW 170/CN
L34            1 S E10
L35           10 S L25-L34

     FILE 'CA' ENTERED AT 10:26:06 ON 16 JUN 2005

=> s 135
L36        2263 L35

=> s l36 and l21 and electrophotog?
           2340 L21
          64472 ELECTROPHOTOG?
L37           5 L36 AND L21 AND ELECTROPHOTOG?

=> s l37 not l24
L38           3 L37 NOT L24

=> d fbib hitstr 1-3; fil stnguide

L38  ANSWER 1 OF 3  CA  COPYRIGHT 2005 ACS on STN
Full Text
AN   138:80619  CA
TI   Electrophotographic image formation using flat toners
IN   Shigeta, Kunio; Sato, Yotaro; Haneda, Satoshi
PA   Konica Co., Japan
SO   Jpn. Kokai Tokkyo Koho, 22 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
PI   JP 2003005446        A2    20030108    JP 2001-189636         20010622
                                             JP 2001-189636         20010622
IT 26201-32-1, Titanyl phthalocyanine
     RL: TEM (Technical or engineered material use); USES (Uses)
        (Y-type, charge generating layer contg.; electrophotog. using
```
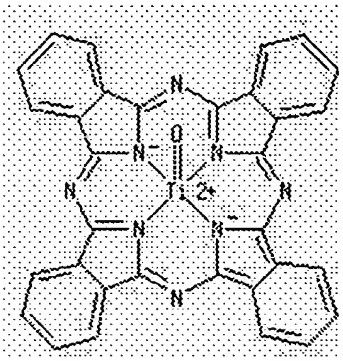

photoreceptors having org. semiconductor layer with controlled dielec. const. and thickness and shape-controlled flat toners)

RN 26201-32-1 CA

CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)

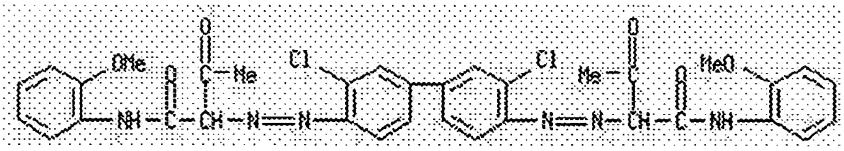


IT **4531-49-1**, C.I. Pigment Yellow 17

RL: TEM (Technical or engineered material use); USES (Uses)
(yellow toners contg.; **electrophotog.** using photoreceptors having org. semiconductor layer with controlled dielec. const. and thickness and shape-controlled flat toners)

RN 4531-49-1 CA

CN Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



L38 ANSWER 2 OF 3 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 120:178125 CA

TI Long-wavelength laser sensitive **electrophotographic** photoreceptor

IN Fujimaki, Yoshihide; Tadokoro, Hajime

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

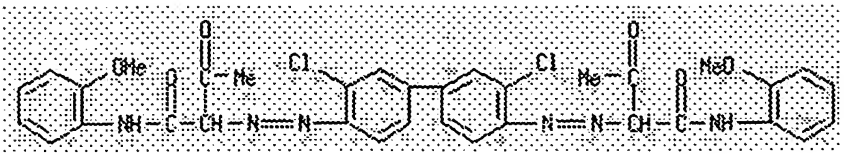
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 05011475	A2	19930122	JP 1991-164446	19910704
			JP 1991-164446	19910704

IT **4531-49-1**

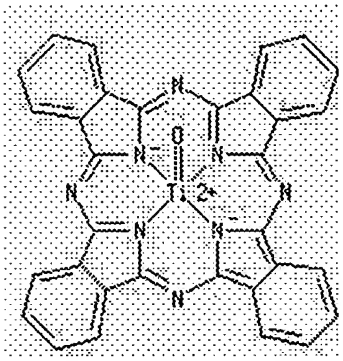
RL: TEM (Technical or engineered material use); USES (Uses)
(**electrophotog.** toner contg.)

RN 4531-49-1 CA

CN Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



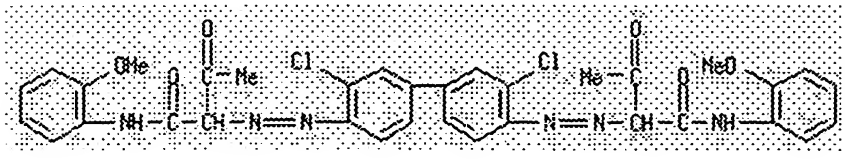
IT **26201-32-1**, Titanylphthalocyanine
RL: USES (Uses)
(mixed crystal with vanadylphthalocyanine, for **electrophotog.** photoreceptor)
RN 26201-32-1 CA
CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



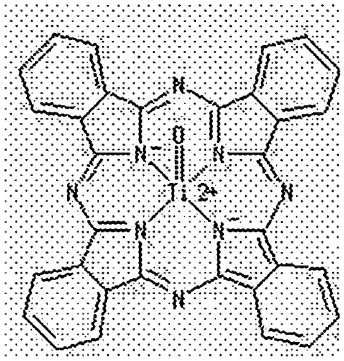
L38 ANSWER 3 OF 3 CA COPYRIGHT 2005 ACS on STN
Full Text
AN 115:146617 CA
TI **Electrophotographic** photoreceptor using titanyl phthalocyanine pigment and intermediate layer
IN Oda, Yasuhiro; Yoshioka, Hiroshi; Tadokoro, Hajime; Fujimaki, Yoshihide
PA Konica Co., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03033858	A2	19910214	JP 1989-168594	19890630
	JP 2922219	B2	19990719		
				JP 1989-168594	19890630

OS MARPAT 115:146617
IT **4531-49-1**, Ket Yellow 403
RL: TEM (Technical or engineered material use); USES (Uses)
(dispersed in intermediate layer, in **electrophotog.** photoreceptor)
RN 4531-49-1 CA
CN Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methoxyphenyl)-3-oxo- (9CI) (CA INDEX NAME)



IT **26201-32-1P**, Titanyl phthalocyanine
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, carrier generating agent, **electrophotog.** photoreceptor using)
RN 26201-32-1 CA
CN Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI) (CA INDEX NAME)



COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.95	181.61

FILE 'STNGUIDE' ENTERED AT 10:26:56 ON 16 JUN 2005
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 10, 2005 (20050610/UP).

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.12	181.73

FILE 'REGISTRY' ENTERED AT 10:28:14 ON 16 JUN 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6
DICTIONARY FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****

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*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> d his

     (FILE 'HOME' ENTERED AT 10:13:52 ON 16 JUN 2005)

     FILE 'REGISTRY' ENTERED AT 10:14:13 ON 16 JUN 2005
                E PIGMENT YELLOW 1/CN
L1              1 S E3
                E PIGMENT YELLOW 2/CN
L2              1 S E3
L3              1 S PIGMENT YELLOW 3/CN
L4              1 S PIGMENT YELLOW 4/CN
L5              1 S PIGMENT YELLOW 5/CN
L6              0 S PIGMENT YELLOW 6/CN
                E PIGMENT YELLOW 6/CN
L7              0 S PIGMENT YELLOW 9/CN
                E PIGMENT YELLOW 9/CN
                E PIGMENT YELLOW 49/CN
L8              1 S E3
L9              0 S PIGMENT YELLOW 65/CN
                E PIGMENT YELLOW 73/CN
L10             1 S E3
                E PIGMENT YELLOW 94/CN
L11             1 S PIGMENT YELLOW 74/CN
L12             1 S PIGMENT YELLOW 75/CN
L13             1 S PIGMENT YELLOW 97/CN
L14             1 S PIGMENT YELLOW 98/CN
L15             1 S PIGMENT YELLOW 116/CN
L16             1 S PIGMENT YELLOW 120/CN
L17             1 S PIGMENT YELLOW 154/CN
                E PIGMENT ORANGE 1/CN
L18             1 S E3
L19             1 S PIGMENT ORANGE 36/CN
L20            16 S L1-L19
L21           336 S PHTHALOCYANIN? AND TI/ELS

     FILE 'CA' ENTERED AT 10:20:30 ON 16 JUN 2005
L22          1332 S L20
L23          2340 S L21
L24             4 S L22 AND L23 AND ELECTROPHOTOG?

     FILE 'STNGUIDE' ENTERED AT 10:21:28 ON 16 JUN 2005

     FILE 'REGISTRY' ENTERED AT 10:23:16 ON 16 JUN 2005
                E PIGMENT YELLOW 12/CN
L25             1 S E3
L26             1 S E11
                E PIGMENT YELLOW 14/CN
```

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L27             1 S E3
L28             1 S E7
L29             1 S PIGMENT YELLOW 17/CN
L30             1 S PIGMENT YELLOW 55/CN
L31             1 S PIGMENT YELLOW 81/CN
L32             1 S PIGMENT YELLOW 83/CN
L33             1 S PIGMENT YELLOW 87/CN
                  E PIGMENT YELLOW 113/CN
                  E PIGMENT YELLOW 170/CN
L34             1 S E10
L35            10 S L25-L34

     FILE 'CA' ENTERED AT 10:26:06 ON 16 JUN 2005
L36          2263 S L35
L37             5 S L36 AND L21 AND ELECTROPHOTOG?
L38             3 S L37 NOT L24

     FILE 'STNGUIDE' ENTERED AT 10:26:56 ON 16 JUN 2005

     FILE 'REGISTRY' ENTERED AT 10:28:14 ON 16 JUN 2005

=> save l21 a667905form1/a
ANSWER SET L21 HAS BEEN SAVED AS 'A667905FORM1/A'

=> save l35 a667905form21/a
A667905FORM21/A IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list.  The name must:
  1. Begin with a letter,
  2. Have 1-12 characters,
  3. Contain only letters (A-Z) and numbers (0-9),
  4. End with /Q for a query (search profile,
     structure, or screen set), /A for an answer
     set, or /L for an L-number list.
  5. Not already be in use as a saved name,
  6. Not be END, SAV, SAVE, SAVED
  7. Not have the form of an L-number (Lnnn).
ENTER NAME OR (END):save l35 a667905form2/a
SAVE L35 A667905FORM2/A IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list.  The name must:
  1. Begin with a letter,
  2. Have 1-12 characters,
  3. Contain only letters (A-Z) and numbers (0-9),
  4. End with /Q for a query (search profile,
     structure, or screen set), /A for an answer
     set, or /L for an L-number list.
  5. Not already be in use as a saved name,
  6. Not be END, SAV, SAVE, SAVED
  7. Not have the form of an L-number (Lnnn).
ENTER NAME OR (END):end

=> save l35 a667905form2/a
ANSWER SET L35 HAS BEEN SAVED AS 'A667905FORM2/A'

=> save l21 a667905tiopc/a
ANSWER SET L21 HAS BEEN SAVED AS 'A667905TIOPC/A'

=> fil stnguide
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                1.72     183.45
```

FILE 'STNGUIDE' ENTERED AT 10:30:29 ON 16 JUN 2005

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 10, 2005 (20050610/UP).

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